

CLAIMS

What is claimed is:

- 1 1. A golf club head, comprising:
 - 2 a body defining a striking face, a top line, a sole, and a back, and having a heel and a
 - 3 toe; and wherein:
 - 4 said back contains a cavity therein; and
 - 5 said cavity contains a plurality of recesses therein, said recesses extending away from
 - 6 said cavity.
- 1 2. The club head of claim 1, wherein said recesses are aligned substantially longitudinally
- 2 to said striking face in a heel-to-toe direction, and said plurality of recesses includes a first
- 3 recess positioned in a heel portion of said cavity and a second recess positioned in a toe
- 4 portion of said cavity.
- 1 3. The club head of claim 2, wherein said first and second recesses each have a volume
- 2 from approximately 1 cubic centimeter to approximately 10 cubic centimeters.
- 1 4. The club head of claim 2, wherein said first and second recesses each have a depth of
- 2 approximately 0.300 inch to approximately 0.800 inch.
- 1 5. The club head of claim 4, wherein said first and second recesses each have a depth of
- 2 approximately 0.450 inch to approximately 0.700 inch.

- 1 6. The club head of claim 2, further comprising:
 - 2 a first weight member positioned within said first recess; and
 - 3 a second weight member positioned within said second recess.
- 1 7. The club head of claim 6, wherein said first and second weight members each have a mass greater than or equal to approximately 10 grams.
- 1 8. The club head of claim 6, wherein said first weight member has a specific gravity greater than a specific gravity of the club head, and said second weight member has a specific gravity greater than said club head specific gravity.
- 1 9. The club head of claim 8, wherein said first weight member specific gravity and said second weight member specific gravity are substantially equal.
- 1 10. The club head of claim 6, wherein:
 - 2 said first weight member has a first specific gravity;
 - 3 said second weight member has a second specific gravity; and
 - 4 said first specific gravity is less than said second specific gravity.
- 1 11. The club head of claim 6, wherein:
 - 2 said first weight member has a first specific gravity;
 - 3 said second weight member has a second specific gravity; and
 - 4 said first specific gravity is greater than said second specific gravity.

- 1 12. The club head of claim 2, further comprising:
 - 2 a dampening insert positioned within one of said first and second recesses; and
 - 3 a weight insert positioned within the other of said first and second recesses.
- 1 13. The club head of claim 2, wherein said plurality of recesses further includes a third recess intermediate said first and second recesses.
- 1 14. The club head of claim 13, wherein said first and second recesses each have a volume from approximately 1 cubic centimeter to approximately 10 cubic centimeters, and said third recess has a volume greater than each of said first and second recesses.
- 1 15. The club head of claim 13, wherein said third recess has a volume greater than the combined volumes of said first and second recesses.
- 1 16. The club head of claim 13, wherein said third recess has a volume greater than twice the combined volumes of said first and second recesses.
- 1 17. The club head of claim 13, wherein said first and second recesses each have a depth of approximately 0.300 inch to approximately 0.800 inch and said third recess has a depth of approximately 0.450 inch to approximately 0.700 inch.
- 1 18. The club head of claim 17, wherein said first and second recesses each have a depth of approximately 0.450 inch to approximately 0.700 inch and said third recess has a depth of approximately 0.250 inch to approximately 0.500 inch.

- 1 19. The club head of claim 13, further comprising:
 - 2 a first weight member positioned within said first recess;
 - 3 a second weight member positioned within said second recess; and
 - 4 a third weight member positioned within said third recess.
- 1 20. The club head of claim 19, wherein said first and second weight members each have a mass greater than or equal to approximately 10 grams, and said third weight member has a mass less than approximately 10 grams.
- 1 21. The club head of claim 19, wherein said first weight member has a specific gravity greater than a specific gravity of the club head, said second weight member has a specific gravity greater than said club head specific gravity, and said third weight member has a specific gravity less than said club head specific gravity.
- 1 22. The club head of claim 19, wherein
 - 2 said first weight member has a first specific gravity;
 - 3 said second weight member has a second specific gravity; and
 - 4 said third weight member has a third specific gravity.
- 1 23. The club head of claim 22, wherein said first and second specific gravities are each less than said third specific gravity.
- 1 24. The club head of claim 22, wherein one of said first and second specific gravities is greater than said third specific gravity, and the other of said first and second specific gravities is less than said third specific gravity.

- 1 25. The club head of claim 24, wherein said first and second specific gravities are
- 2 substantially equal.

- 1 26. The club head of claim 24, wherein said first specific gravity is greater than said
- 2 second specific gravity.

- 1 27. The club head of claim 24, wherein said first specific gravity is less than said second
- 2 specific gravity.

- 1 28. The club head of claim 22, wherein said first and second specific gravities are each
- 2 greater than said third specific gravity.

- 1 29. The club head of claim 13, further comprising:
 - 2 a first weight member positioned within said first recess;
 - 3 a second weight member positioned within said second recess; and
 - 4 a dampening member positioned within said third recess.

- 1 30. The club head of claim 29, wherein said first and second weight members each have a
- 2 mass greater than or equal to approximately 10 grams, and said dampening member has a
- 3 mass less than approximately 10 grams.

- 1 31. The club head of claim 29, wherein said first weight member has a specific gravity
- 2 greater than a specific gravity of the club head, said second weight member has a specific
- 3 gravity greater than said club head specific gravity, and said dampening member has a specific
- 4 gravity less than said club head specific gravity.

1 32. The club head of claim 1, wherein said recesses are aligned substantially transverse to
2 said striking face in a front-to-back direction and extend in a heel-to-toe direction, and
3 wherein said plurality of recesses includes a first recess positioned adjacent said back.

1 33. The club head of claim 32, wherein said first recess has a volume of approximately 1
2 cubic centimeter to approximately 10 cubic centimeters.

1 34. The club head of claim 33, wherein said plurality of recesses includes a second recess
2 adjacent said first recess, and further comprising a weight member positioned within said
3 second recess.

1 35. The club head of claim 34, wherein said weight member has a specific gravity greater
2 than a specific gravity of the club head, and said dampening member has a specific gravity
3 less than said club head specific gravity.

1 36. The club head of claim 32, further comprising a dampening member positioned within
2 said first recess.

1 37. The club head of claim 32, wherein said plurality of recesses includes a second recess
2 adjacent said first recess.

1 38. The club head of claim 37, further comprising a dampening member positioned within
2 said first recess and a weight member positioned within said second recess.

1 39. The club head of claim 38, wherein said weight member has a mass of approximately
2 10 to approximately 20 grams.

- 1 40. The club head of claim 37, further comprising a weight member positioned within said
- 2 first recess and a dampening member positioned within said second recess.

- 1 41. The golf club head of claim 1, wherein said plurality of recesses includes:
 - 2 a first recess aligned substantially transverse to said striking face in a front-to-back direction and extending in a heel-to-toe direction;
 - 4 a second recess aligned substantially longitudinally to said striking face in a heel-to-toe direction and positioned in a heel portion of said cavity; and
 - 6 a third recess aligned substantially longitudinally to said striking face in a heel-to-toe direction and positioned in a toe portion of said cavity.

- 1 42. The golf club head of claim 41, further comprising:
 - 2 a dampening member positioned within said first recess;
 - 3 a first weight member positioned within said second recess; and
 - 4 a second weight member positioned within said third recess.

- 1 43. The golf club head of claim 41, further comprising a fourth recess intermediate said
- 2 second and third recesses.

- 1 44. The club head of claim 1, wherein at least one of said plurality of recesses includes
- 2 both a weight member and a dampening member positioned therein.

- 1 45. The club head of claim 1, wherein the golf club head is an iron-type golf club head.